| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L3 | 9 | (("4365264") or ("5009986") or ("6458516") or ("6489030") or ("6803660") or ("20040101667") or ("20040147111") or ("20040147115") or ("20040147138")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/02/14 17:01 |
| L4 | 5 | 3 and (Cu copper) and (TiN or TaN or Ta or WN or W or TaSiN or TiSiN or WCN or Ru) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 17:18 |
| L5 | 5 | "306642".ap. | US-PGPUB; USPAT | OR | OFF | 2005/02/14 17:05 |
| L6 | 2 | (US-4884123-$ or US-6358832-$). did. | USPAT | OR | OFF | 2005/02/14 17:18 |
| L7 | 2 | 6 and (Cu copper) and (TiN or TaN or Ta or WN or W or TaSiN or TiSiN or WCN or Ru) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:00 |
| L8 | 6 | "6,358,832" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2005/02/14 17:56 |
| L9 | 6 | 8 and (Cu copper) and (TiN or TaN or Ta or WN or W or TaSiN or TiSiN or WCN or Ru) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:09 |
| L10 | 2 | "850162".ap. | US-PGPUB | OR | OFF | 2005/02/14 18:08 |
| L11 | 1 | 10 and (Cu copper) and (TiN or TaN or Ta or WN or W or TaSiN or TiSiN or WCN or Ru) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:09 |
| L12 | 705 | (W tungsten TaN (tantalum titanium) adj nitride TiN) near4 (interconnect via) and @pd>"20040923" | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:42 |
| L13 | 358 | (tungsten TaN (tantalum titanium) adj nitride TiN) near4 (interconnect via) and @pd>"20040923" | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:42 |
| L14 | 40 | ((W tungsten TaN (tantalum titanium) adj nitride TiN) near4 (interconnect via)) and (barrier adj metal liner lining) near4 (interconnect via) and @pd>"20040923" | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:42 |
| L15 | 4 | "4884123".URPN. and @pd>"20040923" | USPAT | OR | OFF | 2005/02/14 18:43 |
| L16 | 0 | "4884123" not "4884123".URPN. and @pd>"20040923" | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:43 |
| L17 | 231 | (257/750,751,761,763,767,768, 774).CCLS. and @pd>"20040923" | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:43 |

| L18 | 3 | (W tungsten TaN (tantalum titanium) adj nitride TiN) near4 (interconnect via) and ((("6784485") or ("6780499") or ("6758223") or ("6737747") or ("6737727") or ("6734096") or ("6726996") or ("6724069") or ("6724069") or ("6720249") or ("6716742") or ("6710450") or ("6677680") or ("6673401") or ("6657305") or ("6657305") or ("6649531") or ("6641899") or ("6635506") or ("6620659") or ("6617690") or ("6617690") or ("6613484") or ("6603204") or ("6599623") or ("6548901") or ("6548901") or ("6537908") or ("6479110") or ("6472740") or ("6451712") or ("6437443") or ("6387754") or ("6358832") or ("6351023") or ("20030087043") or ("20030134495") or ("20020158337") or ("20030057414") or ("20040087135") or ("20040094839") or ("20040115407")).PN.) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:44 |

| L19 | 30 | (W tungsten TaN (tantalum titanium) adj nitride TiN) and ((("6784485") or ("6780499") or ("6758223") or ("6737747") or ("6737727") or ("6734096") or ("6726996") or ("6724069") or ("6724069") or ("6720249") or ("6716742") or ("6710450") or ("6677680") or ("6673401") or ("6657305") or ("6657305") or ("6649531") or ("6641899") or ("6635506") or ("6620659") or ("6617690") or ("6617690") or ("6613484") or ("6603204") or ("6599623") or ("6548901") or ("6548901") or ("6537908") or ("6479110") or ("6472740") or ("6451712") or ("6437443") or ("6387754") or ("6358832") or ("6351023") or ("20030087043") or ("20030134495") or ("20020158337") or ("20030057414") or ("20040087135") or ("20040094839") or ("20040115407")).PN.) not ((W tungsten TaN (tantalum titanium) adj nitride TiN) near4 (interconnect via) and ((("6784485") or ("6780499") or ("6758223") or ("6737747") or ("6737727") or ("6734096") or ("6726996") or ("6724069") or ("6724069") or ("6720249") or ("6716742") or ("6710450") or ("6677680") or ("6673401") or ("6657305") or ("6657305") or ("6649531") or ("6641899") or ("6635506") or ("6620659") or ("6617690") or ("6617690") or ("6613484") or ("6603204") or ("6599623") or ("6548901") or ("6548901") or ("6537908") or ("6479110") or ("6472740") or ("6451712") or ("6437443") or ("6387754") or ("6358832") or ("6351023") or ("20030087043") or ("20030134495") or ("20020158337") or ("20030057414") or ("20040087135") or ("20040094839") or ("20040115407")).PN.)) | US-PGPUB; USPAT | OR | OFF | 2005/02/14 18:44 |